

Claims:

The claims, including their current status and any amendments are presented appear below:

1-129. Canceled.

130. (Presently Amended) A process for enhanced ~~recovery~~ extraction of recombinant insulin, the process comprises:

(a) treating expressed insulin present in bound form after the completion of fermentation in an expression broth/culture medium containing the expressing cells with one or more one or more water miscible organic solvents to give a mixture selected from the group consisting of ethanol, isopropanol, t-butanol, acetic acid, dimethylformamide, dimethylsulfoxide, acetonitrile, dioxan, ethylene glycol, and propylene glycol, optionally along with additives; to give a mixture; and

(b) isolating the insulin from the ~~mixture thereof mixture thereof~~ treated broth culture.

131. Cancelled

132. (Presently amended) The process of claim ~~134~~ 130, wherein the water miscible organic solvent is isopropanol.

133. (Original) The process of claim 130, wherein the water miscible organic solvent is used at a concentration range from about 10% (v/v) to about 40% (v/v).

134. Cancelled

135. Cancelled

136. (Presently Amended) The process of claim 435 130, wherein the additives comprise one or more of sodium chloride, calcium chloride, arginine, aspartic acid, urea, guanidinium hydrochloride, or polyethylene glycol.
137. (Original) The process of claim 130, wherein the process is carried out at a pH range from about 2 to about 5.
138. Cancelled
139. Cancelled
140. (Previously amended) The process of claim 130, wherein the insulin is isolated using a cation exchange chromatography in expanded bed mode.
141. (Presently amended) The process of claim 130, wherein the recombinant source expressing insulin is ~~obtained from~~ ~~obtained from a~~ yeast.
142. (Original) The process of claim 141, wherein the yeast comprises genera *Hansenula*, *Saccharomyces*, *Pichia*, or *Kluyveromyces*.